## WHAT IS CLAIMED IS:

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1. A toner container filling device for filling a toner container with toner, the toner container, when included in an image forming apparatus, supplying the toner to form an image, the toner container filling device comprising:

a toner storage section configured to store the toner, the toner storage section having an air feeding entrance for feeding air thereinto, and the air fed thereinto fluidizing a portion of the toner stored therein:

a toner container filling section configured to take the fluidized toner in from the toner storage section and pump the toner to the toner container;

a measurement unit configured to measure the
20 weight of the toner container and output weight data of
the toner container; and

a control section configured to calculate the weight of the toner pumped into the toner container using the weight data of the toner container output

25 from the measurement unit, the control section

controlling the toner container filling section to start pumping toner into the toner container when the toner container is empty, and stop the toner container filling section from pumping toner into the toner container when the toner container is fully filled with the toner.

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2. The toner container filling device as claimed in claim 1, wherein

the toner container filling section includes
a nozzle at an end thereof for injecting toner into the
toner container and a shutter for opening and closing
the nozzle; and

the control section includes a switch unit configured to open the shutter to start and close the shutter to stop the toner being ejected from the nozzle, and transmits a start signal and a stop signal, respectively.

3. The toner container filling device as claimed in claim 1, wherein

the toner storage section is airtight; and
a toner transporting pipe is inserted into

5 the toner storage section and is connected to the toner
container filling section to transport the fluidized
toner from the toner storage section to the toner
container filling section.

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- 4. The toner container filling device as claimed in claim 2, wherein
- the toner storage section and the toner container filling section are formed integrally;

the toner storage section has an inclined side surface to cause the fluidized toner to flow into the toner container filling section; and

20 the toner container filling section has an air feeding entrance for feeding air thereinto to fluidize a portion of the toner above the nozzle.

5. The toner container filling device as claimed in claim 2, wherein

the control section is adapted to calculate toner container filling time based on the timings of the start signal and the stop signal.

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6. A toner production management system for managing production of toner at a toner production base and delivery of the toner from the toner production base to a toner container filling base where the toner is pumped into a toner container, the toner production management system comprising:

a toner container filling device provided at the toner container filling base for filling the toner container with the toner delivered from the toner production base; the toner container filling device, while pumping toner into the toner container, measuring toner container filling data and transmitting the toner container filling data; and

a server configured to receive the toner container filling data and determine the amount of

toner production at the toner production base and the time of toner delivery from the toner production base to the toner container filling base based on the toner container filling data.

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7. The toner production management system as claimed in claim 6, wherein

the toner container filling device comprises:

a toner storage section configured to store the toner;

a toner container filling section configured to take in toner from the toner storage section and pump the toner into the toner container;

a measurement unit configured to measure the weight of the toner container and output weight data of the toner container; and

a control section configured to calculate the weight of the toner pumped into the toner container using the weight data of the toner container output from the measurement unit and transmit the weight of the pumped toner to the server as one element of the

toner container filling data, the control section controlling the toner container filling section to start pumping the toner into the toner container when the toner container is empty, and stop the toner container filling section from pumping the toner into the toner container when the toner container is fully filled with toner.

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8. The toner production management system as claimed in claim 7, wherein

the control section includes a switch unit

configured to start and stop toner ejection from the

toner container filling section and the switch unit

transmits a start signal and a stop signal,

respectively; and

the control section calculates a toner

container filling time from the timings of the start signal and the stop signal and transmits the toner container filling time to the server as another element of the toner container filling data.

9. The toner production management system as claimed in claim 6, wherein the server includes a display unit configured to display the toner container filling data transmitted from the toner container filling device.

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10. The toner production management system as claimed in claim 6, further comprises an image capturing unit configured to capture an image of a condition of the toner container filling device and output video signals of the image to the server.